

Hallowell®

High-Visibility All-Welded Cabinets

General: Cabinets shall be "**High-Visibility All-Welded Cabinets**" as manufactured by Hallowell or approved equal. All lockers shall be factory-assembled, of all MIG welded construction using prime galvaneal corrosion resistant sheet steel. Assembly of Cabinet bodies by means of bolts, screws, or rivets will not be permitted. Grind exposed welds and metal edges flush and make safe to touch.

Lockers shall be **GREENGUARD Children & Schools CertifiedSM**

Finishing: All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a high-grade powder coat finish baked at 350 degrees Fahrenheit for a minimum of 20 minutes. **Color** to be **Sport Silver** throughout.

Frame / Vertical Side panels: Shall be of 13 gauge ½" flattened expanded metal framed by 16 gauge tubular sections and double channel frame members designed to enclose all four edges of the side panel with the entire assembly MIG welded to form a rigid frame for each cabinet side. The channel frame members are welded to the front and rear vertical frame members to create a rigid cabinet side.

Integral Frame Cabinet base: 14 gauge galvaneal sheet steel formed structural channels are MIG welded to the front and rear vertical side panel frame members to allow placement of cabinet bottom a minimum 2-3/4" above floor level.

Doors: Doors are to be fabricated from single sheet prime 14 gauge sheet steel with single bends at top and bottom and double bends at the sides. Doors shall include a 3" wide 18 gauge sheet steel **full height channel door stiffener** MIG welded to the hinge side of the door as well as to the top and bottom door return bends and spot welded to the inside of door face and to form a rigid torque-free box reinforcement for the door. The latching mechanism shall be a 3-point projecting turn-handle latching mechanism designed to positively engage frame at the top and bottom as well as to the center of the frame. The vertical lock rods shall be fabricated from 3/8" diameter round rod. Steel pry-resistant retainers are to be securely welded to inner door face midway above and below the handle. Lock rod guides shall be welded to the inner top and bottom door flanges of the door insuring proper engagement between the lock rods and cabinet frame when the door is in the locked position. Handle shall be fabricated from 3/16" sheet steel painted to match cabinet. Locking devise shall be designed for use with a padlock. Doors to be perforated with 5/8" x 1-1/2" diamonds.

Heavy-Duty Hinges: Hinges shall not be less than 3-1/2" long 13 gauge seven knuckle pin type, securely riveted to frame and welded to the door. Doors are to be secured to frame with a minimum of two tamper resistant rivets per hinge. Provide 3 hinges for doors 48" and higher and 2 for doors shorter than 48". All doors shall be right hand side hinged.

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Flat Tops: Shall be formed of one piece of 16 gauge sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple framed locker unit.

Bottom: Shall be 16 gauge galvanized sheet steel, have double bends at front and shall engage slots in the vertical frame members at all four corners and be securely welded to the frame and side. Cabinet bottom is designed to sit a full 2-3/4" above the finished floor.

Interior Shelves: Shall be 16 gauge galvanized sheet steel, have single bends at sides and back and a double bend at front. Four interior shelves are included and are fully-adjustable.

Backs: Shall be 13 gauge 1/2" flattened expanded metal welded to each vertical side panel frame member as well as to the top and bottom.

Locks (Not Included): Cabinets are prepared for use with a padlock.

Lifetime Warranty: Hallowell All-Welded Cabinets are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section **for the lifetime of your facility.**